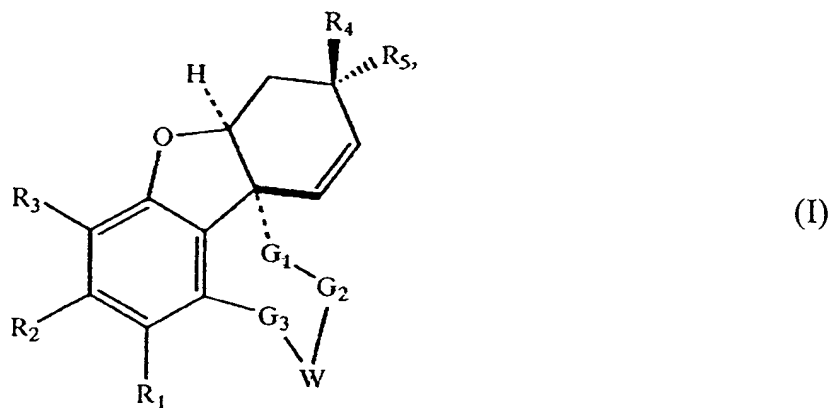


Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1 to 39 (canceled).

40. (currently amended) Compounds of formula I



in which the substituents have the meanings that are explained below:

R<sub>1</sub> and R<sub>2</sub> are the same or different and mean:

a) hydrogen, F, Cl, Br, I, CN, NC, OH, SH, NO<sub>2</sub>, SO<sub>3</sub>H, PO<sub>3</sub>H, NH<sub>2</sub>, CF<sub>3</sub>, OSO<sub>2</sub>(CH<sub>2</sub>)<sub>n</sub>CF<sub>3</sub>, in which n is equal to 0, 1 or 2, -OSO<sub>2</sub>-aryl, -OSO<sub>2</sub>-vinyl or -OSO<sub>2</sub>-ethinyl;

b) a C<sub>1</sub>-C<sub>6</sub>, optionally branched, optionally substituted alkyl, alkoxy, arylalkyl, arylalkoxy, cycloalkyl or cycloalkoxy group;

c) an amino group, which optionally is substituted by one or two identical or different C<sub>1</sub>-C<sub>6</sub>, optionally branched, optionally substituted alkyl, alkylcarbonyl, alkoxycarbonyl, arylalkyl, arylalkylcarbonyl, or arylalkoxycarbonyl groups or by a

group that is selected from an optionally substituted pyrrolidine, piperidine, morpholine, thiomorpholine, piperazine, or homopiperazine radical;

d) a -COOH, -COOalkyl, -COOarylalkyl, -CO-amino group, which optionally is substituted as indicated under c), a COHalkyl group, or a COHarylalkyl group;

e) a  $-(CH_2)_nX$  (in which X is Br, Cl, F or I),  $-(CH_2)_nOH$ ,  $-(CH_2)_nCHO$ ,  $-(CH_2)_nCOOH$ ,  $-(CH_2)_nCN$ ,  $-(CH_2)_nNC$ ,  $-(CH_2)_nCOalkyl$ , or  $-(CH_2)_nCOaryl$  group, in which n is 1-4;

f) a  $-(CH_2)_n$ vinyl,  $-(CH_2)_n$ ethinyl, or  $-(CH_2)_n$ cycloalkyl group in which n is 0, 1 or 2, wherein cycloalkyl is an aliphatic ring with 3 to 7 C atoms;

g) a C<sub>3</sub>-C<sub>6</sub>-substituted alkenyl group (optionally substituted with H, F, Br, Cl, CN, CO<sub>2</sub>alkyl, COalkyl, COaryl); or

h) a C<sub>3</sub>-C<sub>6</sub>-substituted alkynyl group (optionally substituted with H, F, Br, Cl, CN, CO<sub>2</sub>alkyl, COalkyl, COaryl);

R<sub>3</sub> has the same meaning as R<sub>1</sub>,

R<sub>4</sub> and R<sub>5</sub> are either

a) both hydrogen, or

b) one of R<sub>4</sub> and R<sub>5</sub> is hydrogen, an alkyl, alkenyl, alkynyl, arylalkyl, arylalkenyl, or arylalkinyl group, and the other of R<sub>4</sub> and R<sub>5</sub> is

i) OR<sub>6</sub>, in which R<sub>6</sub> means hydrogen, a C<sub>1</sub>-C<sub>10</sub>, optionally branched or substituted alkyl group or cycloalkyl group, a C<sub>3</sub>-C<sub>10</sub> substituted silyl group, or a C<sub>2</sub>-C<sub>10</sub> alpha-alkoxyalkyl group;

~~G<sub>1</sub> is  $-(CH_2)_x$ , in which x is 1 or 2; G<sub>1</sub> is  $-CH_2-$ ;~~

~~G<sub>2</sub> is  $-(CH_2)_y$ , in which y is 0 to 2; G<sub>2</sub> is  $-CH_2-$ ;~~

~~G<sub>3</sub> is (CH<sub>2</sub>)<sub>z</sub>, in which z is 0 to 3, provided that the sum of x+y+z is at least 2 and at most 4; G<sub>3</sub> is -CH<sub>2</sub>-; and~~

W is:

N-Phenyl, optionally substituted with F, Br, Cl, C<sub>1</sub>-C<sub>4</sub> alkyl, CO<sub>2</sub>-alkyl, CN, CONH<sub>2</sub>, or alkoxy; N-thien-2 or 3-yl; N-fur-2 or 3-yl; or an N-1,3,5-triazinyl, wherein the triazine radical can then be substituted with Cl, OR<sub>6</sub> or NR<sub>7</sub>R<sub>7</sub>, in which R<sub>6</sub> has the meaning indicated above and the two substituents R<sub>7</sub> are the same or different and are hydrogen, a C<sub>1</sub>-C<sub>4</sub>, optionally branched, alkyl group or cycloalkyl group, or substituents R<sub>7</sub> together are -(CH<sub>2</sub>)<sub>n</sub>-, in which n is 3 to 5.

41. (previously presented) The compound according to claim 40, wherein W is N-1,3,5-triazinyl, wherein the triazine radical can then be substituted with Cl, OR<sub>6</sub> or NR<sub>7</sub>R<sub>7</sub>, in which R<sub>6</sub> has the meaning indicated above and the two substituents R<sub>7</sub> are the same or different and are hydrogen, a C<sub>1</sub>-C<sub>4</sub>, optionally branched, alkyl group or cycloalkyl group, or substituents R<sub>7</sub> together are -(CH<sub>2</sub>)<sub>n</sub>-, in which n is 3 to 5.

42. (previously presented) The compound according to claim 40, wherein R<sub>3</sub> is OH or OCH<sub>3</sub>.

43. (previously presented) The compound according to claim 40, wherein R<sub>3</sub> is OCH<sub>3</sub>.

44. (previously presented) The compound according to claim 40, wherein R<sub>4</sub> is OH and R<sub>5</sub> is H.

45. (previously presented) The compound according to claim 40, wherein  $R_3$  is  $OCH_3$ ,  $R_4$  is  $OH$ ,  $R_5$  is  $H$ , and  $W$  is N-1,3,5-triazinyl, wherein the triazine radical can then be substituted with  $Cl$ ,  $OR_6$  or  $NR_7R_7$ , in which  $R_6$  has the meaning indicated above and the two substituents  $R_7$  are the same or different and are hydrogen, a  $C_1$ - $C_4$ , optionally branched, alkyl group or cycloalkyl group, or substituents  $R_7$  together are  $-(CH_2)_n-$ , in which  $n$  is 3 to 5.

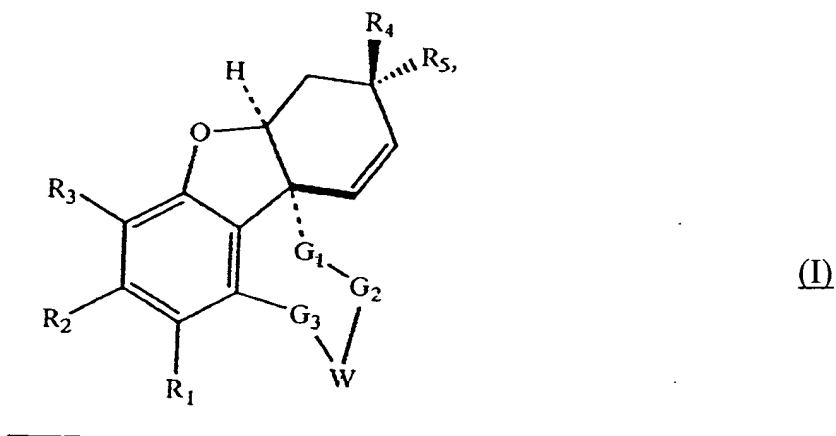
46. (previously presented) The compound according to claim 40, in which substituent  $R_6$  is a triethylsilyl, trimethylsilyl, t-butyl dimethylsilyl or dimethylphenylsilyl.

47. (previously presented) The compound according to claim 40, in which substituent  $R_6$  is tetrahydropyranyl, tetrahydrofuranyl, methoxymethyl, ethoxymethyl, 2-methoxypropyl, ethoxyethyl, phenoxymethyl or 1-phenoxyethyl.

48. (previously presented) The compound according to claim 40, in which  $R_5$  has a meaning other than hydrogen, and  $R_4$  is  $OH$ .

49. (canceled).

50. (currently amended) A pharmaceutical composition comprising a pharmaceutically acceptable excipient and a therapeutically effective amount of a compound ~~according to claim 40~~ of formula I or a pharmaceutically acceptable salt thereof, the compound of formula I having the following formula:



in which the substituents have the meanings that are explained below:

R<sub>1</sub> and R<sub>2</sub> are the same or different and mean:

a) hydrogen, F, Cl, Br, I, CN, NC, OH, SH, NO<sub>2</sub>, SO<sub>3</sub>H, PO<sub>3</sub>H, NH<sub>2</sub>, CF<sub>3</sub>, OSO<sub>2</sub>(CH<sub>2</sub>)<sub>n</sub>CF<sub>3</sub>, in which n is equal to 0, 1 or 2, -OSO<sub>2</sub>-aryl, -OSO<sub>2</sub>-vinyl or -OSO<sub>2</sub>-ethinyl;

b) a C<sub>1</sub>-C<sub>6</sub>, optionally branched, optionally substituted alkyl, alkoxy, arylalkyl, arylalkoxy, cycloalkyl or cycloalkoxy group;

c) an amino group, which optionally is substituted by one or two identical or different C<sub>1</sub>-C<sub>6</sub>, optionally branched, optionally substituted alkyl, alkylcarbonyl, alkoxy carbonyl, arylalkyl, arylalkylcarbonyl, or arylalkoxycarbonyl groups or by a group that is selected from an optionally substituted pyrrolidine, piperidine, morpholine, thiomorpholine, piperazine, or homopiperazine radical;

d) a -COOH, -COOalkyl, -COOarylalkyl, -CO-amino group, which optionally is substituted as indicated under c), a COHalkyl group, or a COHarylalkyl group;

e) a -(CH<sub>2</sub>)<sub>n</sub>X (in which X is Br, Cl, F or I), -(CH<sub>2</sub>)<sub>n</sub>OH, -(CH<sub>2</sub>)<sub>n</sub>CHO,

-(CH<sub>2</sub>)<sub>n</sub>COOH, -(CH<sub>2</sub>)<sub>n</sub>CN, -(CH<sub>2</sub>)<sub>n</sub>NC, -(CH<sub>2</sub>)<sub>n</sub>COalkyl, or -(CH<sub>2</sub>)<sub>n</sub>COaryl group, in which n is 1-4;

f) a -(CH<sub>2</sub>)<sub>n</sub>vinyl, -(CH<sub>2</sub>)<sub>n</sub>ethinyl, or -(CH<sub>2</sub>)<sub>n</sub>cycloalkyl group in which n is 0, 1 or 2, wherein cycloalkyl is an aliphatic ring with 3 to 7 C atoms;

g) a C<sub>3</sub>-C<sub>6</sub>-substituted alkenyl group (optionally substituted with H, F, Br, Cl, CN, CO<sub>2</sub>alkyl, COalkyl, COaryl); or

h) a C<sub>3</sub>-C<sub>6</sub>-substituted alkynyl group (optionally substituted with H, F, Br, Cl, CN, CO<sub>2</sub>alkyl, COalkyl, COaryl);

R<sub>3</sub> has the same meaning as R<sub>1</sub>.

R<sub>4</sub> and R<sub>5</sub> are either

a) both hydrogen, or

b) one of R<sub>4</sub> and R<sub>5</sub> is hydrogen, an alkyl, alkenyl, alkynyl, arylalkyl, arylalkenyl, or arylalkinyl group, and the other of R<sub>4</sub> and R<sub>5</sub> is

i) OR<sub>6</sub>, in which R<sub>6</sub> means hydrogen, a C<sub>1</sub>-C<sub>10</sub>, optionally branched or substituted alkyl group or cycloalkyl group, a C<sub>3</sub>-C<sub>10</sub> substituted silyl group, or a C<sub>2</sub>-C<sub>10</sub> alpha-alkoxyalkyl group;

G<sub>1</sub> is -CH<sub>2</sub>-;

G<sub>2</sub> is -CH<sub>2</sub>-;

G<sub>3</sub> is -CH<sub>2</sub>-; and

W is:

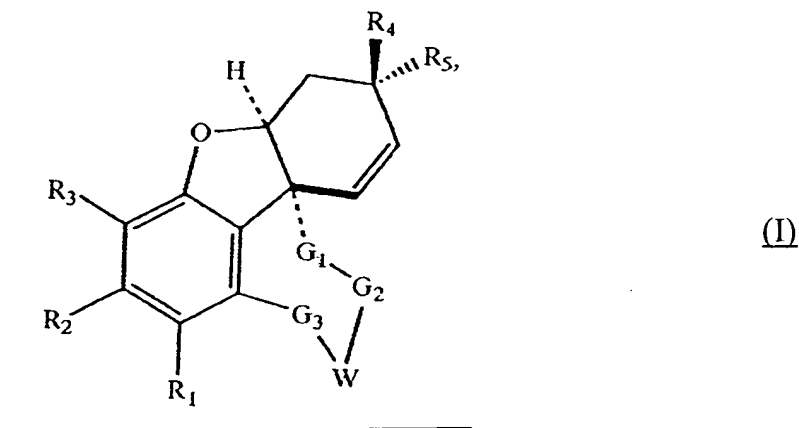
N-Phenyl, optionally substituted with F, Br, Cl, C<sub>1</sub>-C<sub>4</sub> alkyl, CO<sub>2</sub>-alkyl, CN, CONH<sub>2</sub>, or alkoxy; N-thien-2 or 3-yl; N-fur-2 or 3-yl; or an N-1,3,5-triazinyl, wherein the triazine radical can then be substituted with Cl, OR<sub>6</sub> or NR<sub>7</sub>R<sub>7</sub>, in

which  $R_6$  has the meaning indicated above and the two substituents  $R_7$  are the same or different and are hydrogen, a  $C_1$ - $C_4$ , optionally branched, alkyl group or cycloalkyl group, or substituents  $R_7$  together are  $-(CH_2)_n-$ , in which n is 3 to 5.

51. (currently amended) A method of preparing a pharmaceutical composition comprising:

providing a therapeutically effective amount of a compound ~~according to claim 40~~ of formula I or a pharmaceutically acceptable salt thereof; and

combining a pharmaceutically acceptable excipient with the therapeutically effective amount of the compound ~~according to claim 40~~ of formula I or a pharmaceutically acceptable salt thereof, the compound of formula I having the following formula:



in which the substituents have the meanings that are explained below:

$R_1$  and  $R_2$  are the same or different and mean:

a) hydrogen, F, Cl, Br, I, CN, NC, OH, SH,  $NO_2$ ,  $SO_3H$ ,  $PO_3H$ ,  $NH_2$ ,  $CF_3$ ,  $OSO_2(CH_2)_nCF_3$ , in which n is equal to 0, 1 or 2,  $-OSO_2$ -aryl,  $-OSO_2$ -vinyl or  $-OSO_2$ -ethinyl;

b) a C<sub>1</sub>-C<sub>6</sub>, optionally branched, optionally substituted alkyl, alkoxy, arylalkyl, arylalkoxy, cycloalkyl or cycloalkoxy group;

c) an amino group, which optionally is substituted by one or two identical or different C<sub>1</sub>-C<sub>6</sub>, optionally branched, optionally substituted alkyl, alkylcarbonyl, alkoxycarbonyl, arylalkyl, arylalkylcarbonyl, or arylalkoxycarbonyl groups or by a group that is selected from an optionally substituted pyrrolidine, piperidine, morpholine, thiomorpholine, piperazine, or homopiperazine radical;

d) a -COOH, -COOalkyl, -COOarylalkyl, -CO-amino group, which optionally is substituted as indicated under c), a COHalkyl group, or a COHarylalkyl group;

e) a -(CH<sub>2</sub>)<sub>n</sub>X (in which X is Br, Cl, F or I), -(CH<sub>2</sub>)<sub>n</sub>OH, -(CH<sub>2</sub>)<sub>n</sub>CHO, -(CH<sub>2</sub>)<sub>n</sub>COOH, -(CH<sub>2</sub>)<sub>n</sub>CN, -(CH<sub>2</sub>)<sub>n</sub>NC, -(CH<sub>2</sub>)<sub>n</sub>COalkyl, or -(CH<sub>2</sub>)<sub>n</sub>COaryl group, in which n is 1-4;

f) a -(CH<sub>2</sub>)<sub>n</sub>vinyl, -(CH<sub>2</sub>)<sub>n</sub>ethinyl, or -(CH<sub>2</sub>)<sub>n</sub>cycloalkyl group in which n is 0, 1 or 2, wherein cycloalkyl is an aliphatic ring with 3 to 7 C atoms;

g) a C<sub>3</sub>-C<sub>6</sub>-substituted alkenyl group (optionally substituted with H, F, Br, Cl, CN, CO<sub>2</sub>alkyl, COalkyl, COaryl); or

h) a C<sub>3</sub>-C<sub>6</sub>-substituted alkynyl group (optionally substituted with H, F, Br, Cl, CN, CO<sub>2</sub>alkyl, COalkyl, COaryl);

R<sub>3</sub> has the same meaning as R<sub>1</sub>,

R<sub>4</sub> and R<sub>5</sub> are either

a) both hydrogen, or

b) one of R<sub>4</sub> and R<sub>5</sub> is hydrogen, an alkyl, alkenyl, alkynyl, arylalkyl, arylalkenyl, or arylalkynyl group, and the other of R<sub>4</sub> and R<sub>5</sub> is



i) OR<sub>6</sub>, in which R<sub>6</sub> means hydrogen, a C<sub>1</sub>-C<sub>10</sub>, optionally branched or substituted alkyl group or cycloalkyl group, a C<sub>3</sub>-C<sub>10</sub> substituted silyl group, or a C<sub>2</sub>-C<sub>10</sub> alpha-alkoxyalkyl group;

G<sub>1</sub> is -CH<sub>2</sub>-;

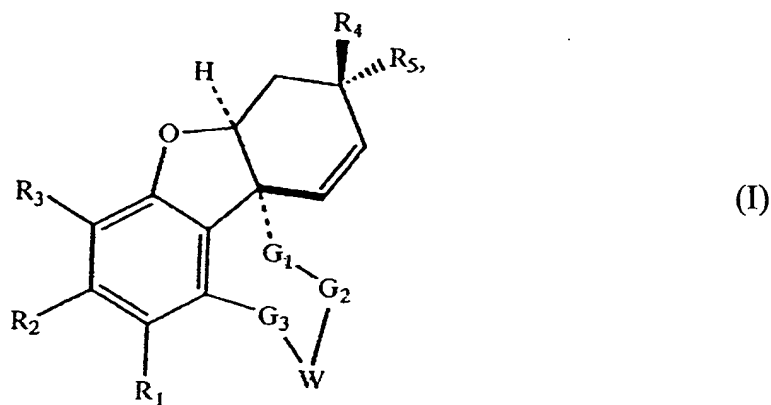
G<sub>2</sub> is -CH<sub>2</sub>-;

G<sub>3</sub> is -CH<sub>2</sub>-; and

W is:

N-Phenyl, optionally substituted with F, Br, Cl, C<sub>1</sub>-C<sub>4</sub> alkyl, CO<sub>2</sub>-alkyl, CN, CONH<sub>2</sub>, or alkoxy; N-thien-2 or 3-yl; N-fur-2 or 3-yl; or an N-1,3,5-triazinyl, wherein the triazine radical can then be substituted with Cl, OR<sub>6</sub> or NR<sub>7</sub>R<sub>7</sub>, in which R<sub>6</sub> has the meaning indicated above and the two substituents R<sub>7</sub> are the same or different and are hydrogen, a C<sub>1</sub>-C<sub>4</sub>, optionally branched, alkyl group or cycloalkyl group, or substituents R<sub>7</sub> together are -(CH<sub>2</sub>)<sub>n</sub>-, in which n is 3 to 5.

52. (new) Compounds of formula I



in which the substituents have the meanings that are explained below:

$R_1$  and  $R_2$  are the same or different and mean:

- a) hydrogen, F, Cl, Br, I, CN, NC, OH, SH, NO<sub>2</sub>, SO<sub>3</sub>H, PO<sub>3</sub>H, NH<sub>2</sub>, CF<sub>3</sub>, OSO<sub>2</sub>(CH<sub>2</sub>)<sub>n</sub>CF<sub>3</sub>, in which n is equal to 0, 1 or 2, -OSO<sub>2</sub>-aryl, -OSO<sub>2</sub>-vinyl or -OSO<sub>2</sub>-ethinyl;
- b) a C<sub>1</sub>-C<sub>6</sub>, optionally branched, optionally substituted alkyl, alkoxy, arylalkyl, arylalkoxy, cycloalkyl or cycloalkoxy group;
- c) an amino group, which optionally is substituted by one or two identical or different C<sub>1</sub>-C<sub>6</sub>, optionally branched, optionally substituted alkyl, alkylcarbonyl, alkoxy carbonyl, arylalkyl, arylalkylcarbonyl, or arylalkoxy carbonyl groups or by a group that is selected from an optionally substituted pyrrolidine, piperidine, morpholine, thiomorpholine, piperazine, or homopiperazine radical;
- d) a -COOH, -COOalkyl, -COOarylalkyl, -CO-amino group, which optionally is substituted as indicated under c), a COHalkyl group, or a COHarylalkyl group;
- e) a -(CH<sub>2</sub>)<sub>n</sub>X (in which X is Br, Cl, F or I), -(CH<sub>2</sub>)<sub>n</sub>OH, -(CH<sub>2</sub>)<sub>n</sub>CHO, -(CH<sub>2</sub>)<sub>n</sub>COOH, -(CH<sub>2</sub>)<sub>n</sub>CN, -(CH<sub>2</sub>)<sub>n</sub>NC, -(CH<sub>2</sub>)<sub>n</sub>COalkyl, or -(CH<sub>2</sub>)<sub>n</sub>COaryl group, in which n is 1-4;
- f) a -(CH<sub>2</sub>)<sub>n</sub>vinyl, -(CH<sub>2</sub>)<sub>n</sub>ethinyl, or -(CH<sub>2</sub>)<sub>n</sub>cycloalkyl group in which n is 0, 1 or 2, wherein cycloalkyl is an aliphatic ring with 3 to 7 C atoms;
- g) a C<sub>3</sub>-C<sub>6</sub>-substituted alkenyl group (optionally substituted with H, F, Br, Cl, CN, CO<sub>2</sub>alkyl, COalkyl, COaryl); or
- h) a C<sub>3</sub>-C<sub>6</sub>-substituted alkynyl group (optionally substituted with H, F, Br, Cl, CN, CO<sub>2</sub>alkyl, COalkyl, COaryl);

$R_3$  has the same meaning as  $R_1$ ,

$R_4$  and  $R_5$  are either

- a) both hydrogen, or
- b) one of  $R_4$  and  $R_5$  is hydrogen, an alkyl, alkenyl, alkynyl, arylalkyl, arylalkenyl, or arylalkinyl group, and the other of  $R_4$  and  $R_5$  is
  - i)  $OR_6$ , in which  $R_6$  means hydrogen, a  $C_1$ - $C_{10}$ , optionally branched or substituted alkyl group or cycloalkyl group, a  $C_3$ - $C_{10}$  substituted silyl group, or a  $C_2$ - $C_{10}$  alpha-alkoxyalkyl group;

$G_1$  is  $-(CH_2)_x-$ , in which  $x$  is 1 or 2;

$G_2$  is  $-(CH_2)_y-$ , in which  $y$  is 0 to 2;

$G_3$  is  $-(CH_2)_z-$ , in which  $z$  is 0 to 3, provided that the sum of  $x+y+z$  is at least 2 and at most 4; and

$W$  is N-1,3,5-triazinyl, wherein the triazine radical can then be substituted with Cl,  $OR_6$  or  $NR_7R_7$ , in which  $R_6$  has the meaning indicated above and the two substituents  $R_7$  are the same or different and are hydrogen, a  $C_1$ - $C_4$ , optionally branched, alkyl group or cycloalkyl group, or substituents  $R_7$  together are  $-(CH_2)_n-$ , in which  $n$  is 3 to 5.

53. (new) The compound according to claim 52, wherein  $R_3$  is OH or  $OCH_3$ .

54. (new) The compound according to claim 52, wherein  $R_3$  is  $OCH_3$ .

55. (new) The compound according to claim 52, wherein  $R_4$  is OH and  $R_5$  is H.

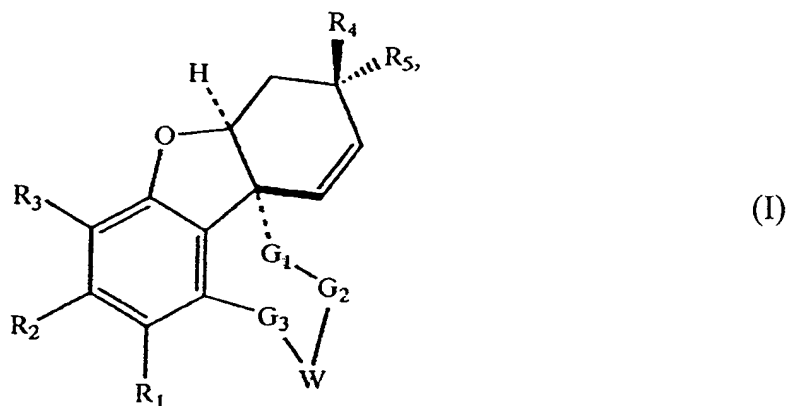
56. (new) The compound according to claim 52, wherein  $R_3$  is  $OCH_3$ ,  $R_4$  is OH, and  $R_5$  is H.

57. (new) The compound according to claim 52, in which substituent  $R_6$  is a triethylsilyl, trimethylsilyl, t-butyldimethylsilyl or dimethylphenylsilyl.

58. (new) The compound according to claim 52, in which substituent  $R_6$  is tetrahydropyranyl, tetrahydrofuranyl, methoxymethyl, ethoxymethyl, 2-methoxypropyl, ethoxyethyl, phenoxymethyl or 1-phenoxyethyl.

59. (new) The compound according to claim 52, in which  $R_5$  has a meaning other than hydrogen, and  $R_4$  is OH.

60. (new) A pharmaceutical composition comprising a pharmaceutically acceptable excipient and a therapeutically effective amount of a compound of formula I or a pharmaceutically acceptable salt thereof, the compound of formula I having the following formula:



in which the substituents have the meanings that are explained below:

$R_1$  and  $R_2$  are the same or different and mean:

- a) hydrogen, F, Cl, Br, I, CN, NC, OH, SH, NO<sub>2</sub>, SO<sub>3</sub>H, PO<sub>3</sub>H, NH<sub>2</sub>, CF<sub>3</sub>, OSO<sub>2</sub>(CH<sub>2</sub>)<sub>n</sub>CF<sub>3</sub>, in which n is equal to 0, 1 or 2, -OSO<sub>2</sub>-aryl, -OSO<sub>2</sub>-vinyl or -OSO<sub>2</sub>-ethinyl;
- b) a C<sub>1</sub>-C<sub>6</sub>, optionally branched, optionally substituted alkyl, alkoxy, arylalkyl, arylalkoxy, cycloalkyl or cycloalkoxy group;
- c) an amino group, which optionally is substituted by one or two identical or different C<sub>1</sub>-C<sub>6</sub>, optionally branched, optionally substituted alkyl, alkylcarbonyl, alkoxy carbonyl, arylalkyl, arylalkylcarbonyl, or arylalkoxy carbonyl groups or by a group that is selected from an optionally substituted pyrrolidine, piperidine, morpholine, thiomorpholine, piperazine, or homopiperazine radical;
- d) a -COOH, -COOalkyl, -COOarylalkyl, -CO-amino group, which optionally is substituted as indicated under c), a COHalkyl group, or a COHarylalkyl group;
- e) a -(CH<sub>2</sub>)<sub>n</sub>X (in which X is Br, Cl, F or I), -(CH<sub>2</sub>)<sub>n</sub>OH, -(CH<sub>2</sub>)<sub>n</sub>CHO, -(CH<sub>2</sub>)<sub>n</sub>COOH, -(CH<sub>2</sub>)<sub>n</sub>CN, -(CH<sub>2</sub>)<sub>n</sub>NC, -(CH<sub>2</sub>)<sub>n</sub>COalkyl, or -(CH<sub>2</sub>)<sub>n</sub>COaryl group, in which n is 1-4;
- f) a -(CH<sub>2</sub>)<sub>n</sub>vinyl, -(CH<sub>2</sub>)<sub>n</sub>ethinyl, or -(CH<sub>2</sub>)<sub>n</sub>cycloalkyl group in which n is 0, 1 or 2, wherein cycloalkyl is an aliphatic ring with 3 to 7 C atoms;
- g) a C<sub>3</sub>-C<sub>6</sub>-substituted alkenyl group (optionally substituted with H, F, Br, Cl, CN, CO<sub>2</sub>alkyl, COalkyl, COaryl); or
- h) a C<sub>3</sub>-C<sub>6</sub>-substituted alkynyl group (optionally substituted with H, F, Br, Cl, CN, CO<sub>2</sub>alkyl, COalkyl, COaryl);

$R_3$  has the same meaning as  $R_1$ ,

$R_4$  and  $R_5$  are either

a) both hydrogen, or

b) one of  $R_4$  and  $R_5$  is hydrogen, an alkyl, alkenyl, alkynyl, arylalkyl, arylalkenyl, or arylalkinyl group, and the other of  $R_4$  and  $R_5$  is

i)  $OR_6$ , in which  $R_6$  means hydrogen, a  $C_1$ - $C_{10}$ , optionally branched or substituted alkyl group or cycloalkyl group, a  $C_3$ - $C_{10}$  substituted silyl group, or a  $C_2$ - $C_{10}$  alpha-alkoxyalkyl group;

$G_1$  is  $-(CH_2)_x-$ , in which  $x$  is 1 or 2;

$G_2$  is  $-(CH_2)_y-$ , in which  $y$  is 0 to 2;

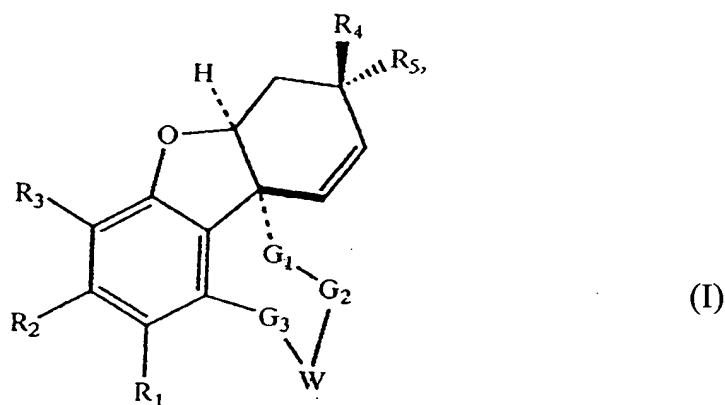
$G_3$  is  $-(CH_2)_z-$ , in which  $z$  is 0 to 3, provided that the sum of  $x+y+z$  is at least 2 and at most 4; and

$W$  is N-1,3,5-triazinyl, wherein the triazine radical can then be substituted with Cl,  $OR_6$  or  $NR_7R_7$ , in which  $R_6$  has the meaning indicated above and the two substituents  $R_7$  are the same or different and are hydrogen, a  $C_1$ - $C_4$ , optionally branched, alkyl group or cycloalkyl group, or substituents  $R_7$  together are  $-(CH_2)_n-$ , in which  $n$  is 3 to 5.

61. (new) A method of preparing a pharmaceutical composition comprising:

providing a therapeutically effective amount of a compound of formula I or a pharmaceutically acceptable salt thereof; and

combining a pharmaceutically acceptable excipient with the therapeutically effective amount of the compound of formula I or a pharmaceutically acceptable salt thereof, the compound of formula I having the following formula:



in which the substituents have the meanings that are explained below:

$R_1$  and  $R_2$  are the same or different and mean:

a) hydrogen, F, Cl, Br, I, CN, NC, OH, SH, NO<sub>2</sub>, SO<sub>3</sub>H, PO<sub>3</sub>H, NH<sub>2</sub>, CF<sub>3</sub>, OSO<sub>2</sub>(CH<sub>2</sub>)<sub>n</sub>CF<sub>3</sub>, in which n is equal to 0, 1 or 2, -OSO<sub>2</sub>-aryl, -OSO<sub>2</sub>-vinyl or -OSO<sub>2</sub>-ethinyl;

b) a C<sub>1</sub>-C<sub>6</sub>, optionally branched, optionally substituted alkyl, alkoxy, arylalkyl, arylalkoxy, cycloalkyl or cycloalkoxy group;

c) an amino group, which optionally is substituted by one or two identical or different C<sub>1</sub>-C<sub>6</sub>, optionally branched, optionally substituted alkyl, alkylcarbonyl, alkoxy carbonyl, arylalkyl, arylalkylcarbonyl, or arylalkoxy carbonyl groups or by a group that is selected from an optionally substituted pyrrolidine, piperidine, morpholine, thiomorpholine, piperazine, or homopiperazine radical;

d) a -COOH, -COOalkyl, -COOarylalkyl, -CO-amino group, which optionally is substituted as indicated under c), a COHalkyl group, or a COHarylalkyl group;

e) a  $-(\text{CH}_2)_n\text{X}$  (in which X is Br, Cl, F or I),  $-(\text{CH}_2)_n\text{OH}$ ,  $-(\text{CH}_2)_n\text{CHO}$ ,  $-(\text{CH}_2)_n\text{COOH}$ ,  $-(\text{CH}_2)_n\text{CN}$ ,  $-(\text{CH}_2)_n\text{NC}$ ,  $-(\text{CH}_2)_n\text{COalkyl}$ , or  $-(\text{CH}_2)_n\text{COaryl}$  group, in which n is 1-4;

f) a  $-(\text{CH}_2)_n\text{vinyl}$ ,  $-(\text{CH}_2)_n\text{ethinyl}$ , or  $-(\text{CH}_2)_n\text{cycloalkyl}$  group in which n is 0, 1 or 2, wherein cycloalkyl is an aliphatic ring with 3 to 7 C atoms;

g) a  $\text{C}_3\text{-C}_6$ -substituted alkenyl group (optionally substituted with H, F, Br, Cl, CN,  $\text{CO}_2\text{alkyl}$ ,  $\text{COalkyl}$ ,  $\text{COaryl}$ ); or

h) a  $\text{C}_3\text{-C}_6$ -substituted alkynyl group (optionally substituted with H, F, Br, Cl, CN,  $\text{CO}_2\text{alkyl}$ ,  $\text{COalkyl}$ ,  $\text{COaryl}$ );

$\text{R}_3$  has the same meaning as  $\text{R}_1$ ,

$\text{R}_4$  and  $\text{R}_5$  are either

a) both hydrogen, or

b) one of  $\text{R}_4$  and  $\text{R}_5$  is hydrogen, an alkyl, alkenyl, alkynyl, arylalkyl, arylalkenyl, or arylalkinyl group, and the other of  $\text{R}_4$  and  $\text{R}_5$  is

i)  $\text{OR}_6$ , in which  $\text{R}_6$  means hydrogen, a  $\text{C}_1\text{-C}_{10}$ , optionally branched or substituted alkyl group or cycloalkyl group, a  $\text{C}_3\text{-C}_{10}$  substituted silyl group, or a  $\text{C}_2\text{-C}_{10}$  alpha-alkoxyalkyl group;

$\text{G}_1$  is  $-(\text{CH}_2)_x-$ , in which x is 1 or 2;

$\text{G}_2$  is  $-(\text{CH}_2)_y-$ , in which y is 0 to 2;

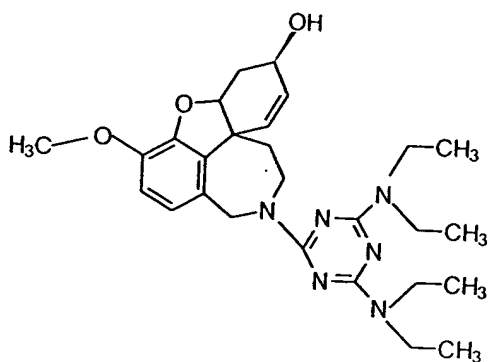
$\text{G}_3$  is  $-(\text{CH}_2)_z-$ , in which z is 0 to 3, provided that the sum of  $x+y+z$  is at least 2 and at most 4; and

W is N-1,3,5-triazinyl, wherein the triazine radical can then be substituted with Cl,  $\text{OR}_6$  or  $\text{NR}_7\text{R}_7$ , in which  $\text{R}_6$  has the meaning indicated above and the two substituents  $\text{R}_7$  are the same or different and are hydrogen, a  $\text{C}_1\text{-C}_4$ , optionally

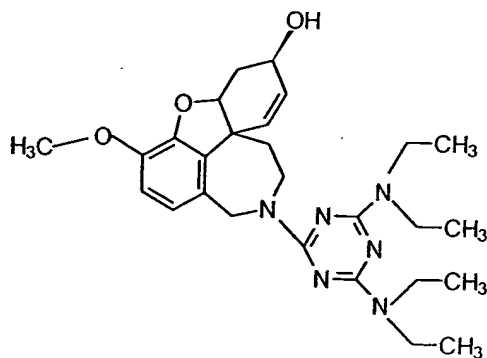


branched, alkyl group or cycloalkyl group, or substituents  $R_7$  together are  $-(CH_2)_n-$ , in which n is 3 to 5.

62. (new) A compound having the following structure:

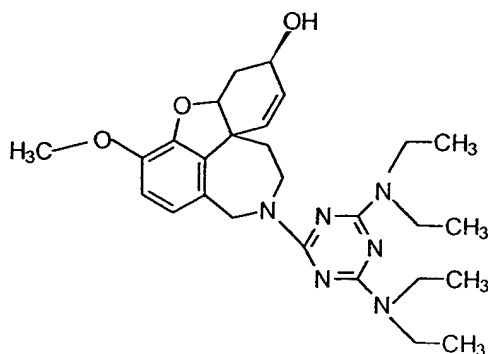


63. (new) A pharmaceutical composition comprising a pharmaceutically acceptable excipient and a therapeutically effective amount of a compound having the following structure:



or a pharmaceutically acceptable salt thereof.

64. (new) A method of preparing a pharmaceutical composition comprising:  
providing a therapeutically effective amount of a compound having the following structure:



or a pharmaceutically acceptable salt thereof; and

combining a pharmaceutically acceptable excipient with the therapeutically effective amount of the compound or a pharmaceutically acceptable salt thereof.